



Sim & McBurney
Patent and Trade Mark Agents

330 University Avenue
Suite 701
Toronto, Canada
M5G 1R7

Telephone (416) 595-1155
Cable "Simbas" Toronto
Fax (416) 595-1163
Telex 065-24567 Simbas

PETER W. MCBURNEY
MICHAEL I. STEWART
ROGER T. HUGHES, Q.C.
TONI POLSON ASHTON
JOHN H. WOOLLEY
KENNETH D. MCKAY
DONALD M. CAMERON
BRENDA L. BOARDMAN
TIMOTHY M. LOWMAN
STEPHEN M. LANE
ARTHUR B. RENAULT
STEPHEN J. PERRY
PATRICIA A. RAE
THOMAS T. RIEDER
WARREN J. GALLOWAY
JOHN R. S. ORANGE
JOHN N. ALLPORT
DAVID A. RUSTON
DEBRA L. MONTGOMERY
DAVID R. WYRSTIUK

TECHNICAL ASSISTANT
LOLA BARTOSZEWICZ, Ph.D.

Please Quote

Our ref. 1038-517 MIS:as

Your ref.

Writer's Ext. 239/256

July 12, 1995

The Commissioner of Patents and
Trademarks,
BOX PATENT APPLICATION,
Washington, D.C. 20231,
U.S.A.

Dear Sir:

Transmitted herewith for filing is the patent
application of Raafat Fahim et al for ACELLULAR PERTUSSIS
VACCINES AND METHODS OF PREPARATION.

Enclosed are:

- (x) 1. Specification with claims
- (x) 2. Declaration and Power of Attorney - unsigned copy
- (x) 3. 1 sheet of informal drawings

The filing fee has been calculated as shown below:

Basic Fee	\$730.00
22 claims in excess of 20 at \$22.00 each	\$484.00
___ independent claims in excess of 3 at \$76.00 each	\$
Assignment recordal fee	\$
Multiple claim presented	\$240.00

Total \$1,454.00

Would the Commissioner please effect filing of this
application and recordal of the Assignment(s) (if applicable) at
his earliest convenience.

Yours very truly,

Michael I. Stewart
Reg. No. 24,973

Encl.

Charles W. Fallow, Reg. #28,946

CELEBRATING TWENTY-FIVE YEARS IN 1995



1038-517 MIS:as

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Raafat Fahim et al. C-I-P of U.S. 08/433,646
Serial No: 0 / Not Yet Assigned Group No.:
Filed: July 12, 1995 Examiner:
For: ACELLULAR PERTUSSIS VACCINES AND METHODS OF PREPARATION

Commissioner of Patents and Trademarks
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number FB638049269
Date of Deposit July 12, 1995

I hereby certify that the following *attached* paper or fee

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Charles W. Fallow, Reg. #28,946

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

NOTE: Each paper must have its own certificate and the "Express Mail" label number as a part thereof or attached thereto. When, as here, the certification is presented on a separate sheet, that sheet must (1) be signed and (2) fully identify and be securely attached to the paper or fee it accompanies. Identification should include the serial number and filing date of the application as well as the type of paper being filed, e.g. complete application, specification and drawings, responses to rejection or refusal, notice of appeal, etc. If the serial number of the application is not known, the identification should include at least the name of the inventor(s) and the title of the invention.

NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

(Express Mail Certificate [8-3])